

Claims 1-5. (Canceled)

Claim 6. (New). A peripheral viewing system for a vehicle wherein said vehicle includes two opposing sides, a steering wheel positioned within a passenger compartment and a rear, the viewing system comprising:

a pair of cameras, one of said cameras mounted on one of said sides of the vehicle, another of said cameras mounted on another of said sides of the vehicle;

a pair of video displays mounted within said passenger compartment, and positioned therein to be readily visible by a driver, each video display in selective communication with a designated one of said cameras;

a microprocessor means in communication with each of said cameras and said displays for continuously processing images received from each of said cameras and for continuously transmitting said images to each of said displays.

Claim 7. (New) The peripheral viewing system according to claim 6 further comprising:

a third camera mounted on the rear of said vehicle, said third camera connected to said microprocessor means;

a third video display mounted within the vehicle passenger compartment, said third video display in selective communication with said third camera via said microprocessor means for continuously depicting images behind said vehicle.

Claim 8. (New). The peripheral viewing system according to claim 7 further comprising a warning means for alerting a driver of an approaching vehicle.

Claim 9. (New). The peripheral viewing system according to claim 8 wherein said

warning means comprises:

a phototransistor mounted on each side of said vehicle, adjacent the rear thereof, each of said phototransistors electrically connected to said microprocessor means;

an audible alarm means electrically connected to said microprocessor means for audibly alerting a driver if said phototransistors detect a trailing vehicle within a predetermined range of said vehicle.

Claim 10.(New). The system according to claim 9 further wherein said vehicle includes a turn signal switch means electrically connected to said microprocessor means for exclusively activating said audible alarm means if said trailing vehicle is within the predetermined range of said vehicle.

Claim 11. (New). The system according to claim 10 wherein each of said cameras is encased within a contoured, aerodynamic housing to minimize wind drag.

Claim 12. (New). The system according to claim 11 wherein one of said displays is positioned immediately adjacent a first side of the steering wheel and another of said displays is positioned immediately adjacent an opposing side of the steering wheel.

Claim 13. (New). The system according to claim 12wherein said third camera is immediately adjacent a top edge of a rear window on the vehicle for replacing a conventional rear view mirror.